

SECRET

Chief, TISD

18 May 60

Encl. [REDACTED] TD & SS

Trip Report - [REDACTED] 2-3 May 1960

1. A trip to [REDACTED] was made on the 2nd and 3rd of May to investigate the progress on the following projects:

a. 2X Reduction Printer: The first 2X reduction printer left the [REDACTED] plant for Offutt AFB the late afternoon of 2 May. The second reduction printer is due to be delivered to this activity the last half of June 1960. The latest specifications on this printer are:

25X1A

Weight: 1300 pounds

Overall length: 9 ft 11 inches

Overall height: 69 inches negative end; 62 inches at the positive end

Width: 45 inches

Weight: 1300 lbs (2,000 lbs packed)

The negative side will take two 9 $\frac{1}{2}$ " or one 18" wide spool 10 $\frac{1}{2}$ inches in diameter.

The positive end will take one 500 ft. spool 7 $\frac{5}{8}$ " in diameter or $\frac{1}{4}$ " glass plates 9 $\frac{1}{2}$ " x 9 $\frac{1}{2}$ " or cut film can be made to work (9 $\frac{1}{2}$ " x 9 $\frac{1}{2}$ ").

The latest measurement on the current required to operate this equipment is 10 amps and will draw a 15 amp load for starting.

The third 2X reduction printer will be delivered 10 months from the time that the contractor is given the go-ahead. This still has not occurred. It is hoped that the go-ahead date will be about 1 June; thus delivery date will be approximately 1 April 1961.

b. Large Light Table: The delivery date of the prototype will be 2 July 1960. The dimensions of the prototype are:

Overall length: 73 $\frac{1}{2}$ "

Width: 47"

Height: 44"

The electrical requirements are 115 volts 60 cycle 15 amps.

The first production model should be delivered on or about 2 December 1960 and 4 per month thereafter.

DECLASS REVIEW by NIMA/DOD

SECRET

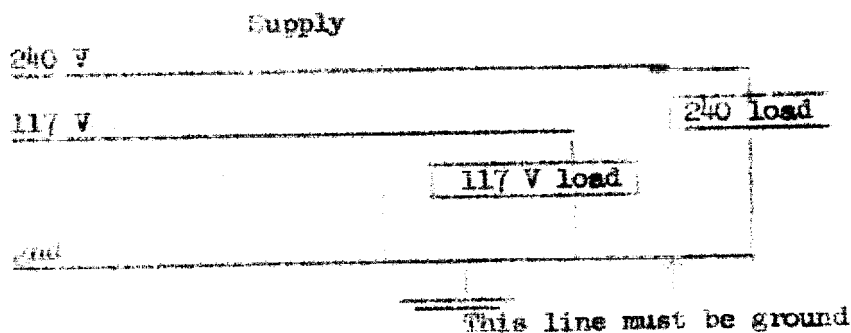
SECRET

25X1A

SUBJECT: Trip Report- [REDACTED] 2, 3 May 60

c. Two-stage Rectifier: The first 2-stage rectifier will be delivered to Offutt AFB on or about 26 June 1960.

The power requirements of the rectifier is a special 240 volt supply which should be a permanent installation with a separate junction [REDACTED] the instrument. The instrument will draw a total of 28 amps at 240 volts. Below is a diagram of the supply schematic as the junction should be wired:



Delivery of #2 and #3 rectifier, plus the possible #4, will be 10 months after the go-ahead. Delivery date is extended to be approximately 1 April 1961.

d. All problems pertaining to the Tri-Power Stereoscopes seem to have been solved.

[REDACTED] is performing modification to their packing and delivery should continue on schedule.

e. Zoom 70 Stereomicroscope: A prototype has been received at this activity and it is delivering at least 5 lines per power across the field through the complete range of magnification. With these instruments we will receive two sets of eyepieces per instrument 10X and 20X. Delivery will commence 26 August 60; 5 per week until 9 September 1960, when 15 per week delivery will commence until all orders are filled.

f. Zoom Macroscope: Delivery will commence 15 October 1960 on these instruments. It is estimated that the complete order will be filled by 1 January 1961.

g. [REDACTED] has requested that they be allowed to hold the extra printer and glass and rectifier glass at their establishment

25X1A

25X1A

SECRET

SECRET

25X1A

SUBJECT: Trip Report - [REDACTED] 2, 3, May 60

until all lenses have been mounted. This is to provide them with spares in case an accident should happen.

[REDACTED] 25X1A

25X1A

FIC/TISD/[REDACTED] (3591) - 18 May 60

SECRET